

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,963,897 B1  
APPLICATION NO. : 09/602983  
DATED : November 8, 2005  
INVENTOR(S) : Hubbard

Page 1 of 32

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

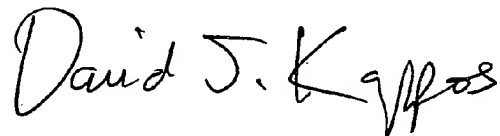
The title page, showing an illustrative figure, should be deleted and substitute therefore the attached title page.

Delete Drawing Sheets 1-29 and substitute therefore the attached Drawing Sheets 1-30.

This certificate supersedes the Certificate of Correction issued January 5, 2010.

Signed and Sealed this

Twenty-sixth Day of January, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Hubbard**

(10) **Patent No.:** **US 6,963,897 B1**  
(45) **Date of Patent:** **Nov. 8, 2005**

(54) **CUSTOMER SERVICES AND ADVERTISING  
BASED UPON DEVICE ATTRIBUTES AND  
ASSOCIATED DISTRIBUTED PROCESSING  
SYSTEM**

(75) **Inventor:** **Edward A. Hubbard**, Round Rock, TX  
(US)

(73) **Assignee:** **United Devices, Inc.**, Austin, TX (US)

(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 813 days.

(21) **Appl. No.:** **09/602,983**

(22) **Filed:** **Jun. 23, 2000**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/538,543,  
filed on Mar. 30, 2000, which is a continuation-in-part  
of application No. 09/539,023, filed on Mar. 30, 2000,  
which is a continuation-in-part of application No.  
09/539,448, filed on Mar. 30, 2000, which is a con-  
tinuation-in-part of application No. 09/539,428, filed  
on Mar. 30, 2000, which is a continuation-in-part of  
application No. 09/539,106, filed on Mar. 30, 2000,  
which is a continuation-in-part of application No.  
09/538,542, filed on Mar. 30, 2000, now Pat. No.  
6,654,783, which is a continuation-in-part of appli-  
cation No. 09/539,107, filed on Mar. 30, 2000.

(51) **Int. Cl.<sup>7</sup>** ..... **G06F 15/16**  
(52) **U.S. Cl.** ..... **709/201; 709/205; 709/218**  
(58) **Field of Search** ..... **709/201-203,**  
**709/224, 205, 218; 705/14**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,669,730 A 6/1987 Small ..... 273/138  
4,815,741 A 3/1989 Small ..... 273/138  
4,839,798 A \* 6/1989 Eguchi et al. .... 718/105  
5,031,089 A \* 7/1991 Liu et al. .... 709/226

5,056,019 A 10/1991 Schultz et al. .... 364/405  
5,332,218 A 7/1994 Lucey ..... 273/138  
5,402,394 A 3/1995 Turski ..... 368/10  
5,483,444 A 1/1996 Heinlzman et al. .... 364/401  
5,598,566 A 1/1997 Pascucci et al. .... 395/750  
5,655,081 A 8/1997 Bonnell et al. .... 395/200.32  
5,703,949 A 12/1997 Rosen ..... 380/21  
5,740,549 A 4/1998 Reilly et al. .... 705/14  
5,768,504 A 6/1998 Kells et al. .... 395/187.01  
5,790,789 A \* 8/1998 Suarez ..... 709/202  
5,793,964 A \* 8/1998 Rogers et al. .... 709/202  
5,802,062 A 9/1998 Gehani et al. .... 370/465  
5,815,793 A 9/1998 Ferguson ..... 455/3.1  
5,826,265 A 10/1998 Van Huhlen et al. .... 707/8

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO 01/14961 3/2001

(Continued)

**OTHER PUBLICATIONS**

"GIMPS Finds First Million-Digit Prime, Stakes Claim to  
\$50,000 EFF Award. 26,972,593-1 is now the Largest  
Known Prime", Jun., 1999, <http://www.mersenne.org/6972593.htm>.\*

(Continued)

*Primary Examiner*—Patrice Winder

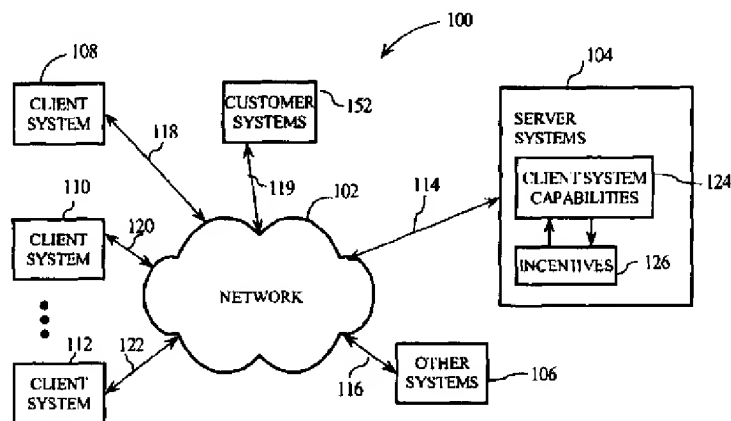
*Assistant Examiner*—Thomas Duong

(74) *Attorney, Agent, or Firm*—Richard E. Frankeny;  
Winstead Sechrest & Minick P.C.

(57) **ABSTRACT**

A method for providing customer services and advertising  
based upon device attributes is disclosed for a distributed  
processing system. The distributed processing system iden-  
tifies and utilizes the capabilities of distributed devices  
connected together through a wide variety of communica-  
tion systems and networks and utilize those capabilities to  
organize, manage and distribute project workloads to the  
distributed devices.

**11 Claims, 30 Drawing Sheets**



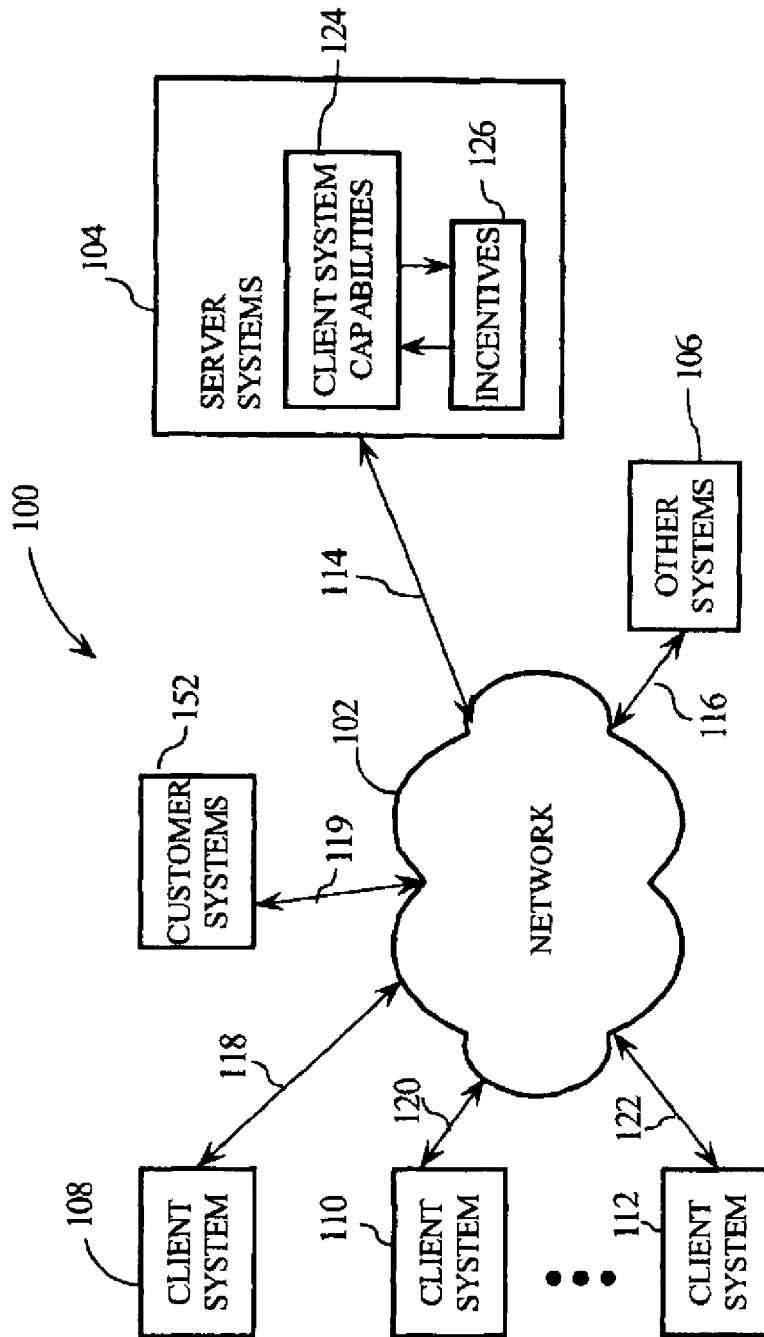


FIG. 1A

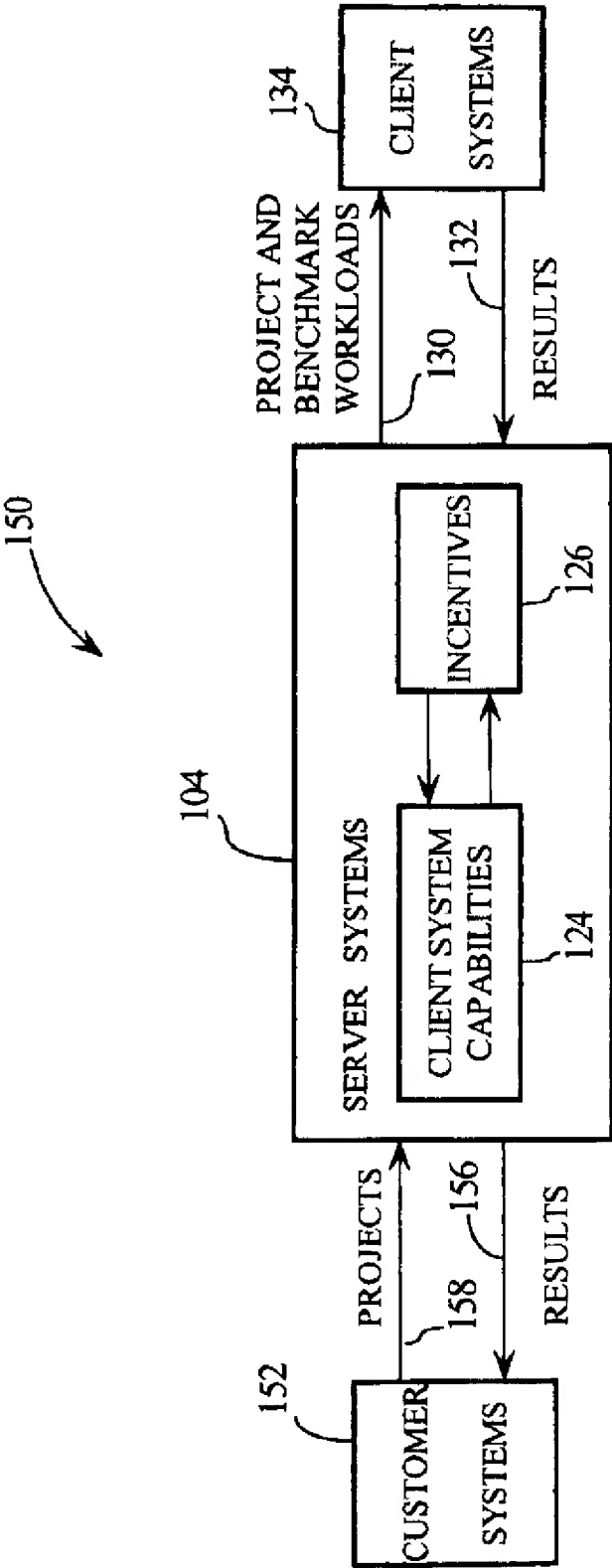


FIG.1B

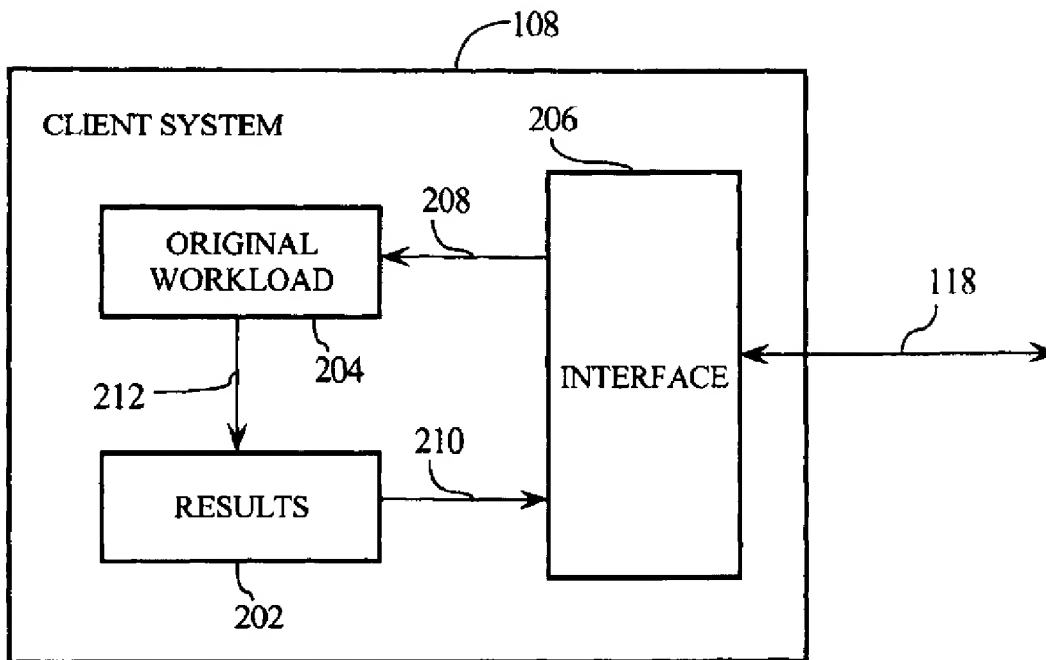


FIG. 2A

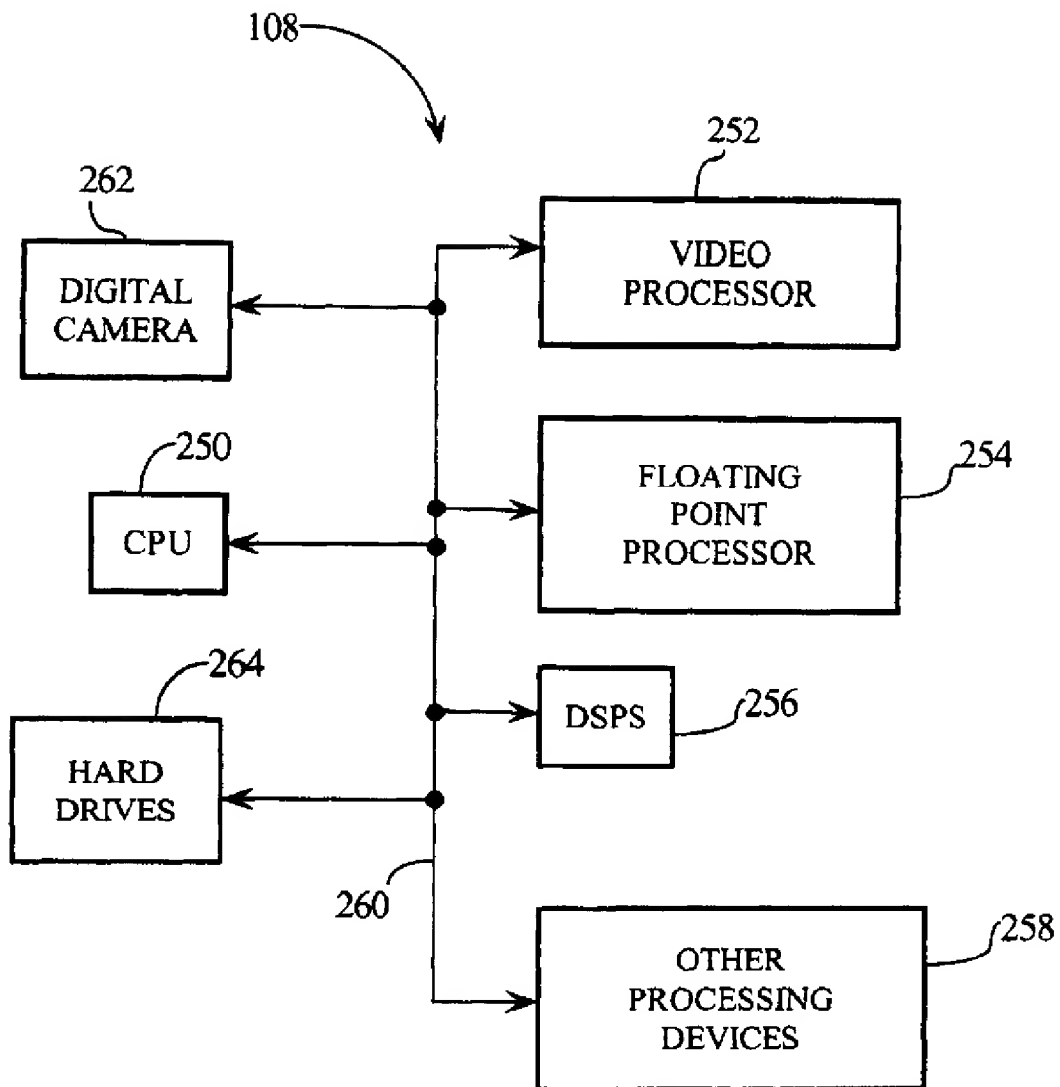


FIG. 2B

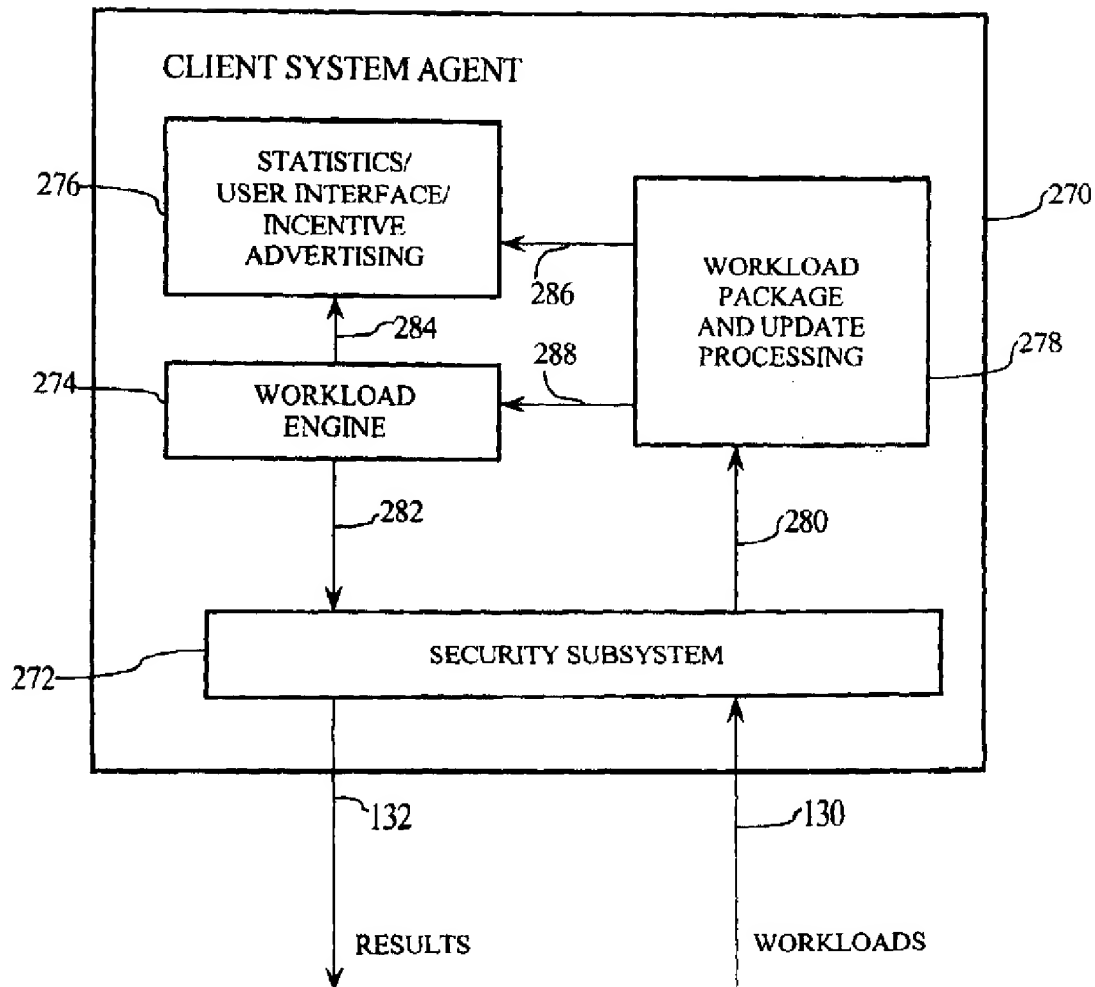
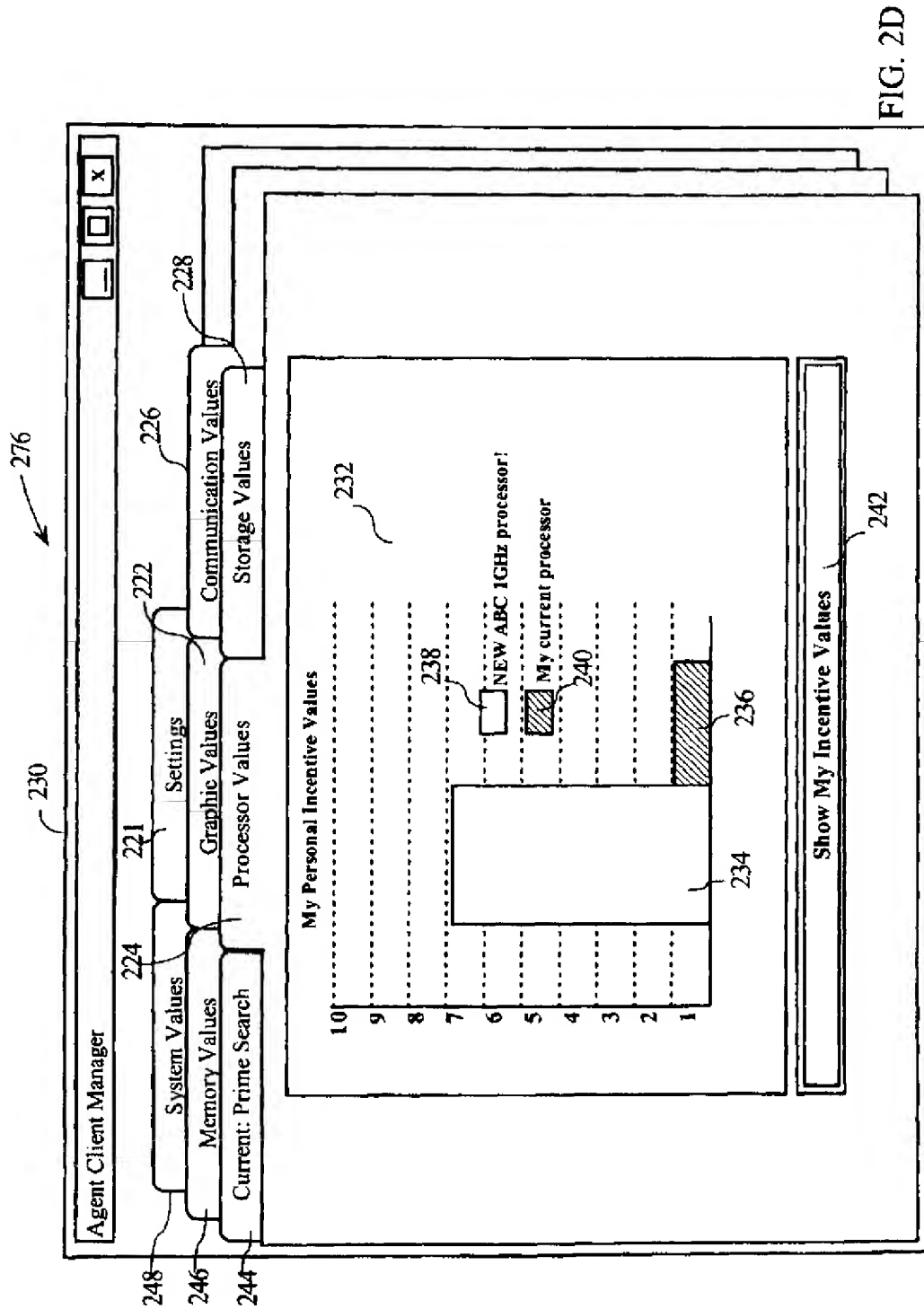


FIG. 2C





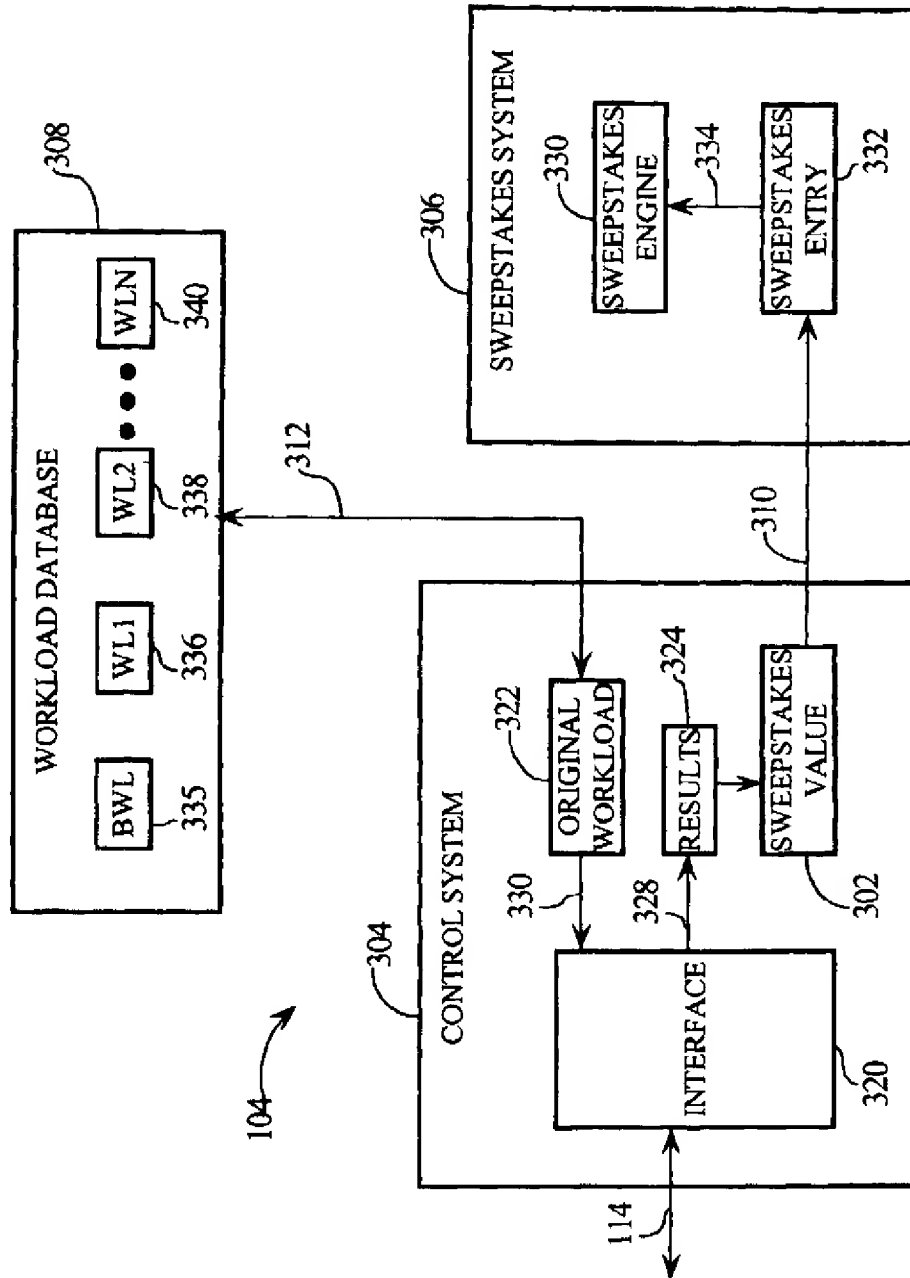


FIG. 3A

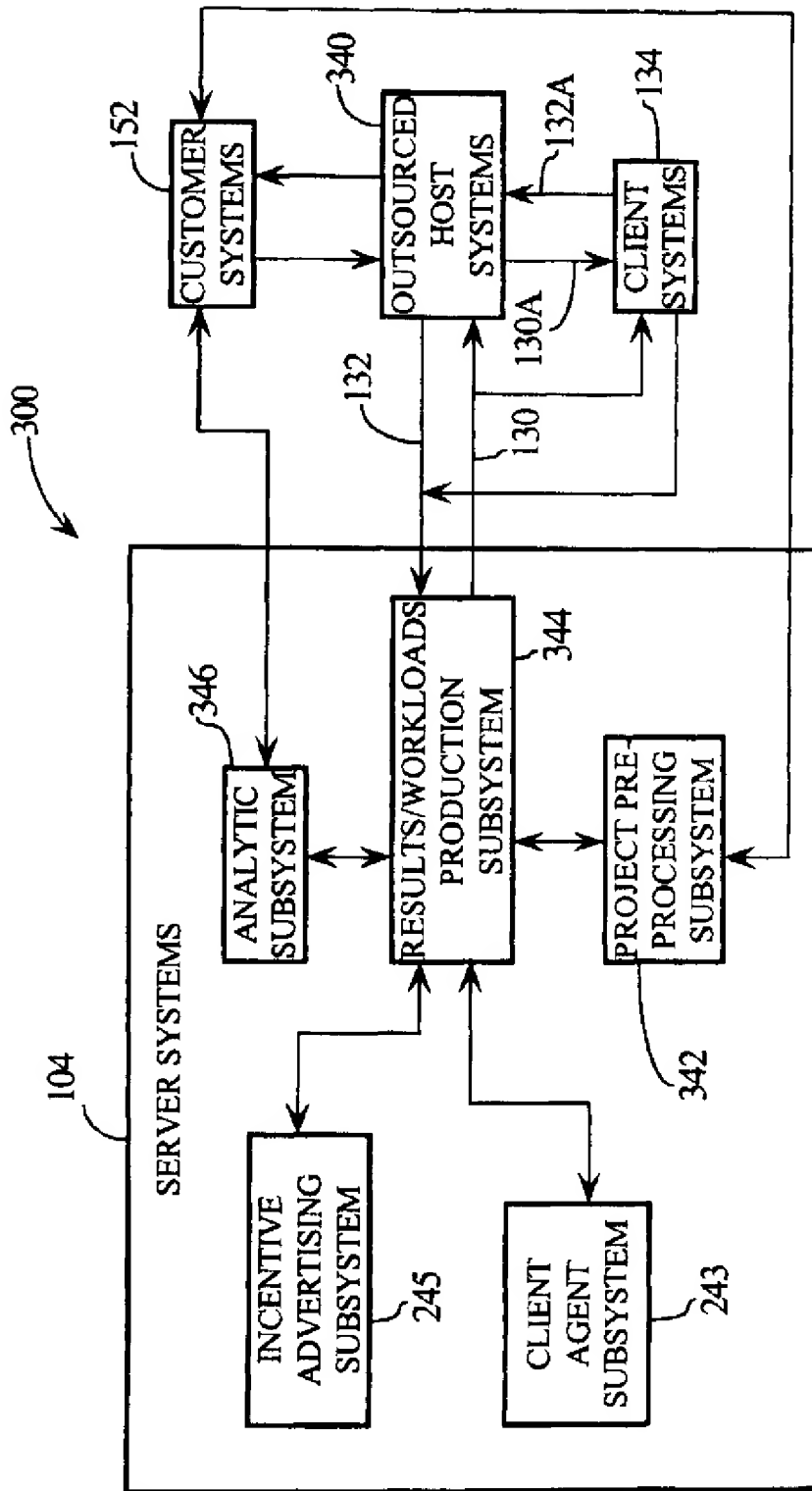


FIG. 3B

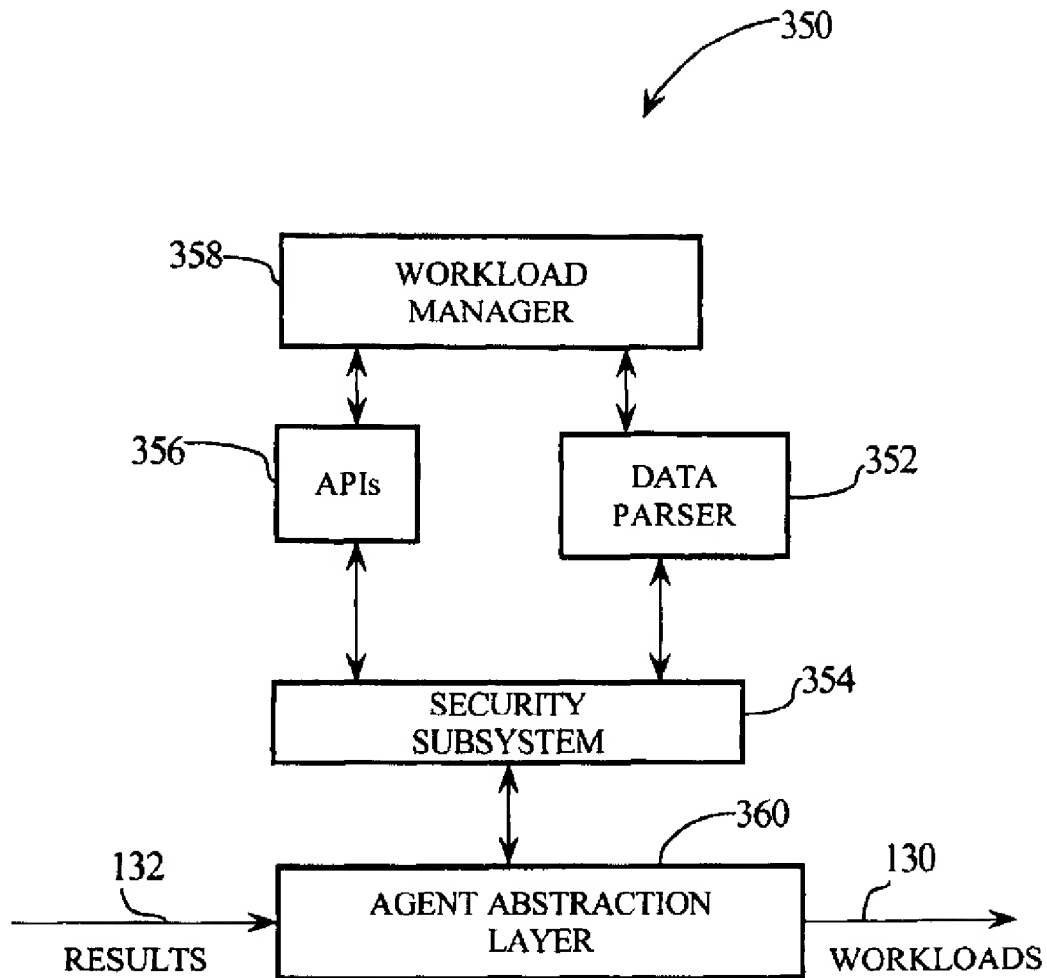


FIG. 3C

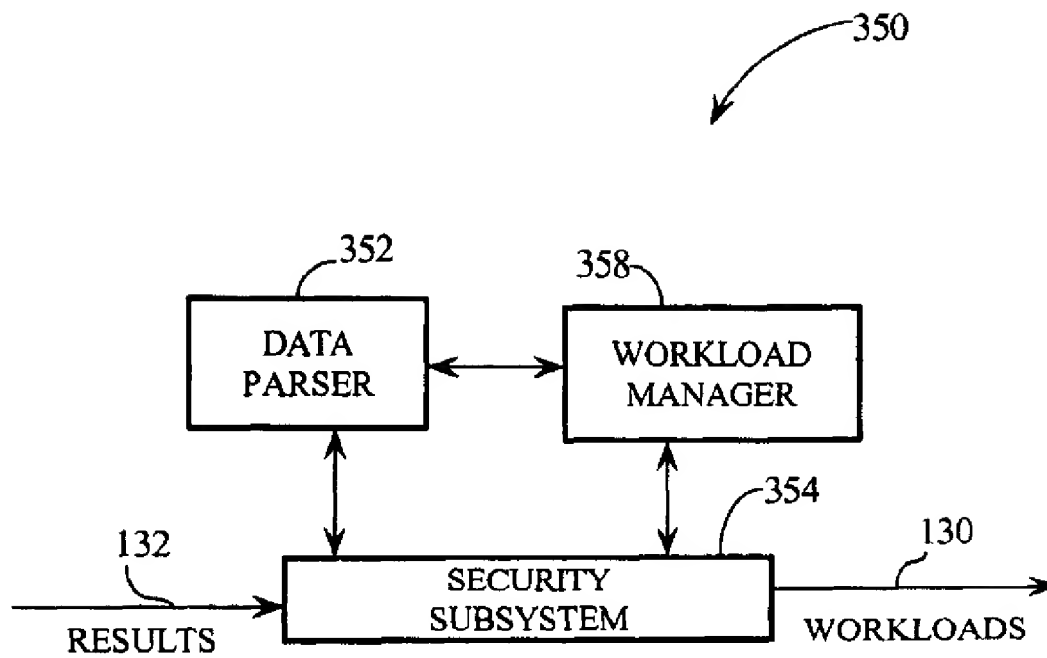


FIG. 3D

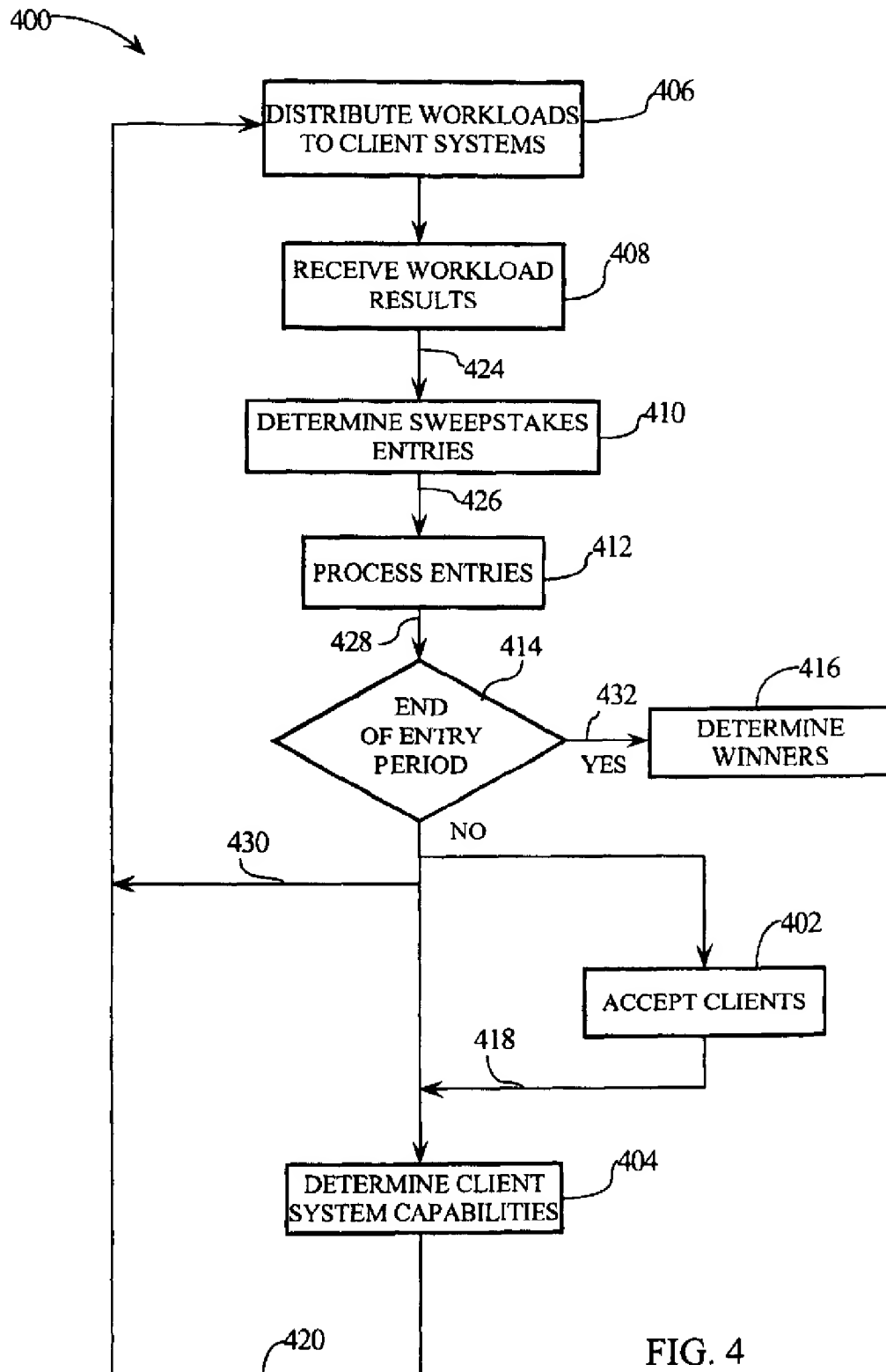


FIG. 4

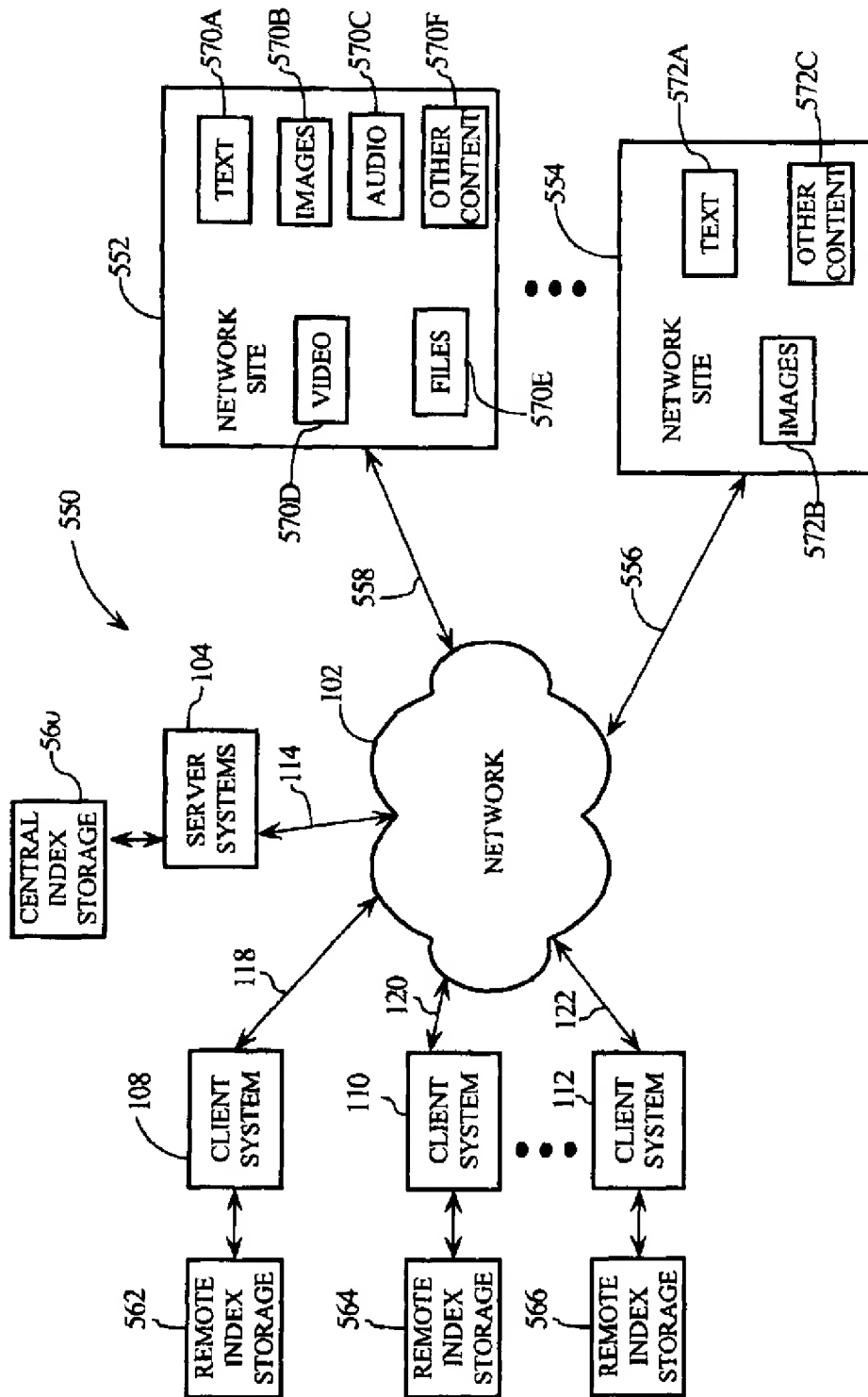


FIG. 5A

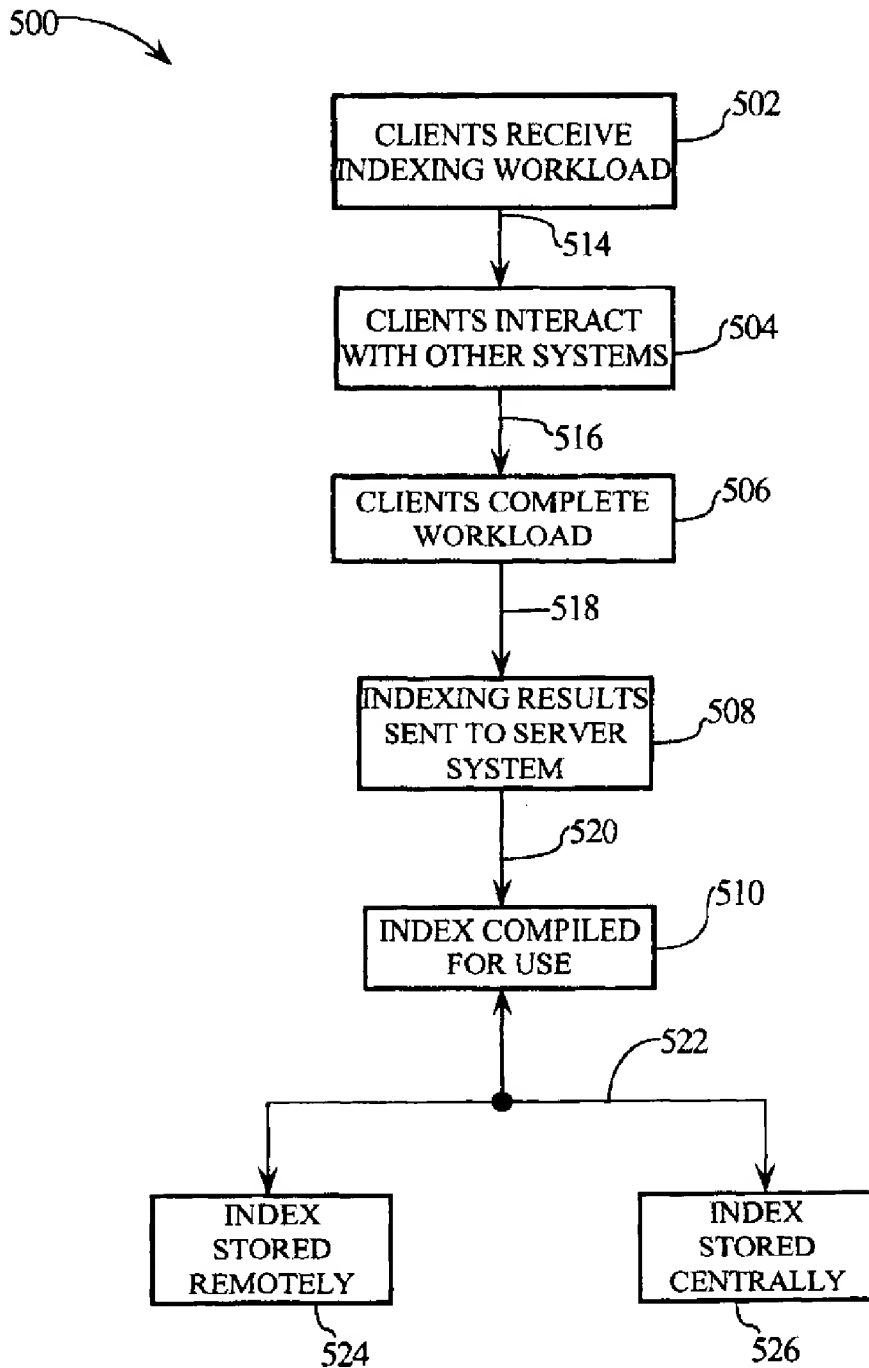


FIG. 5B

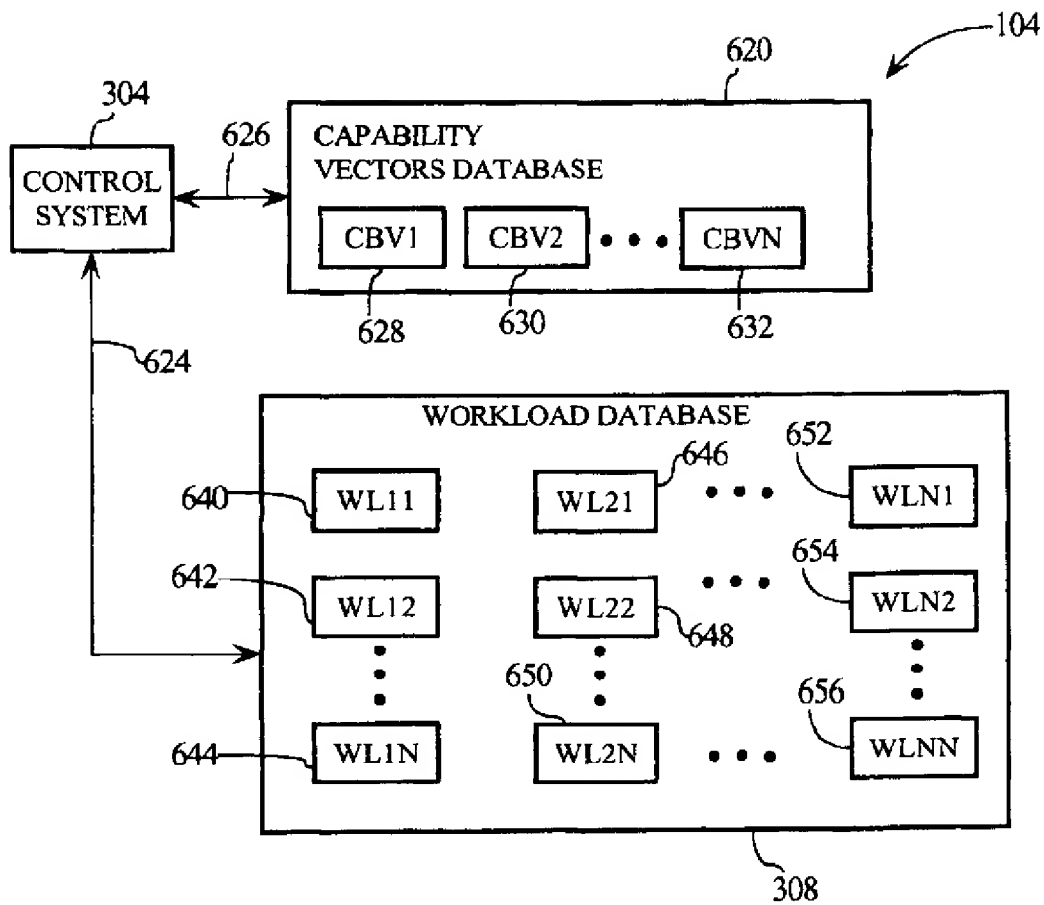


FIG.6A



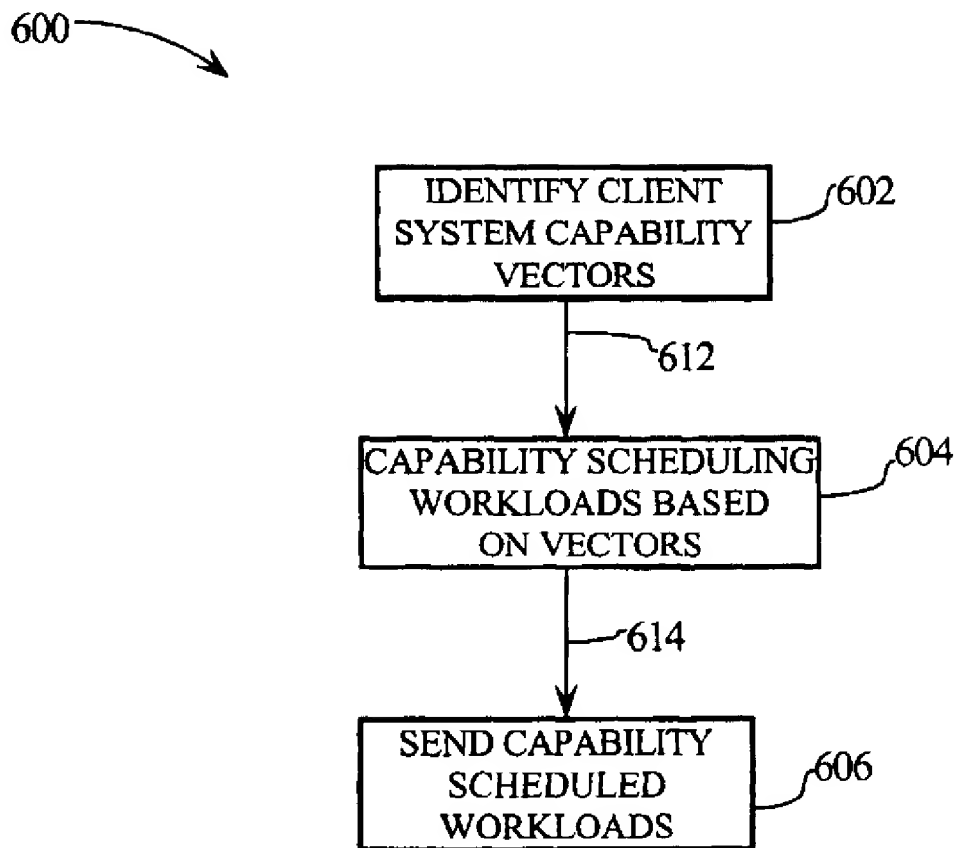


FIG.6B

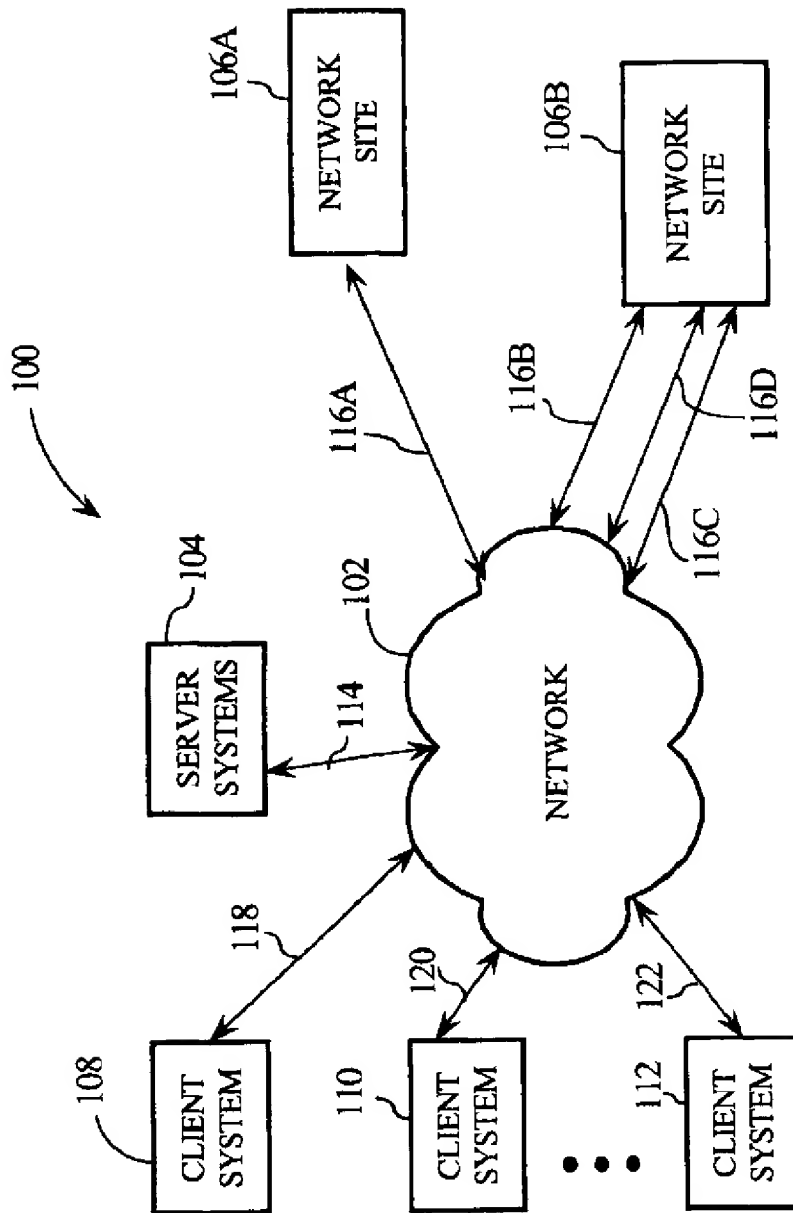


FIG.7A

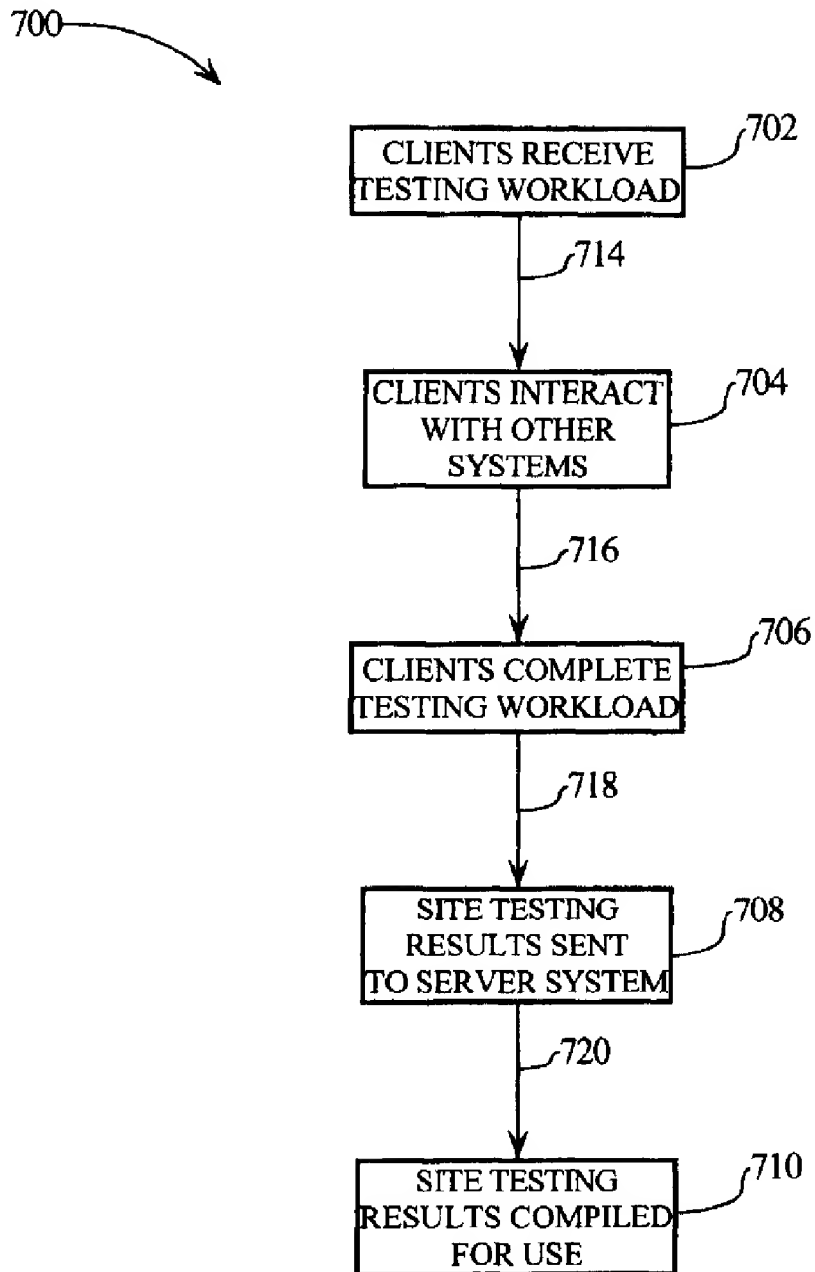


FIG. 7B

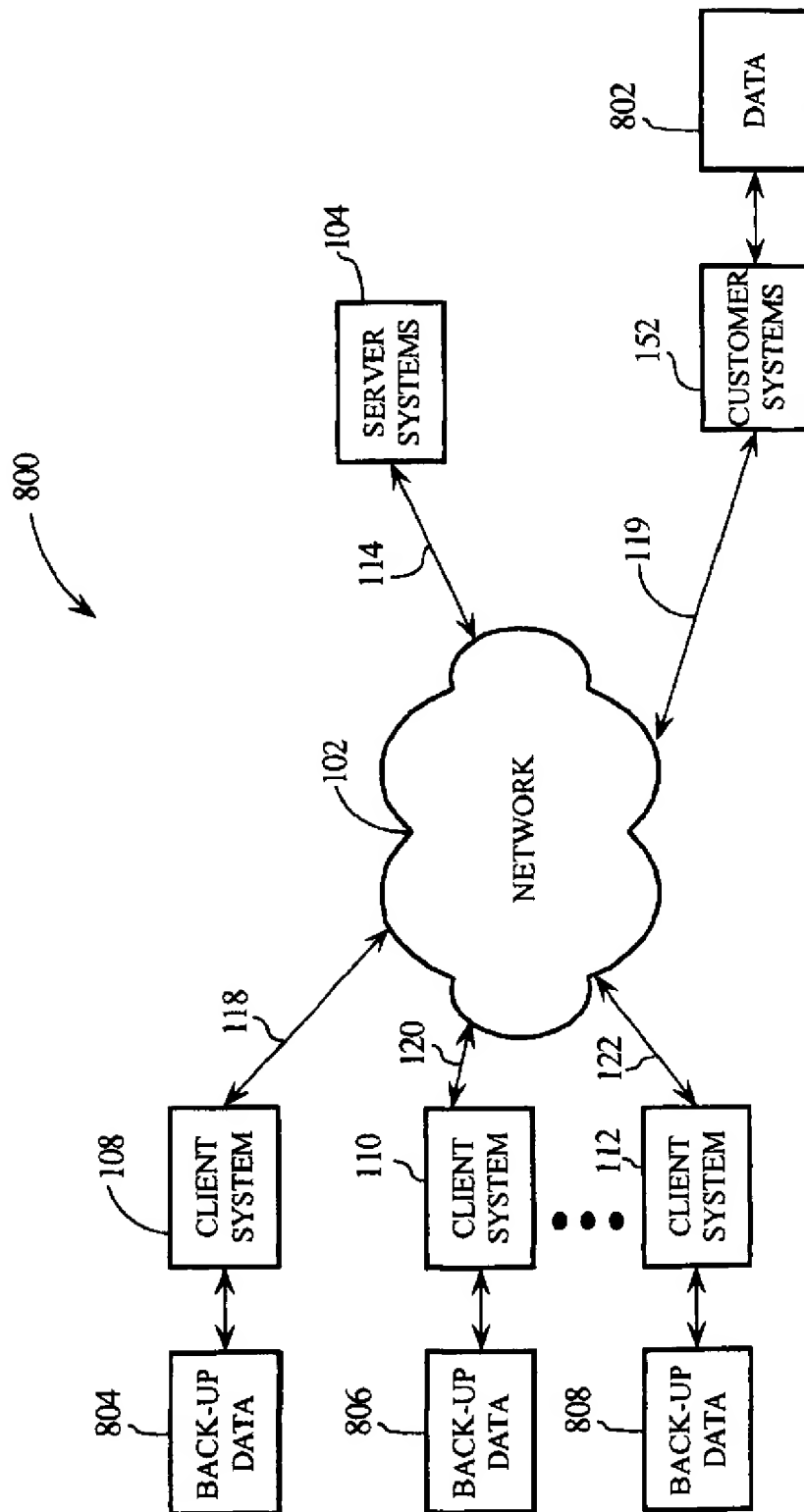


FIG. 8

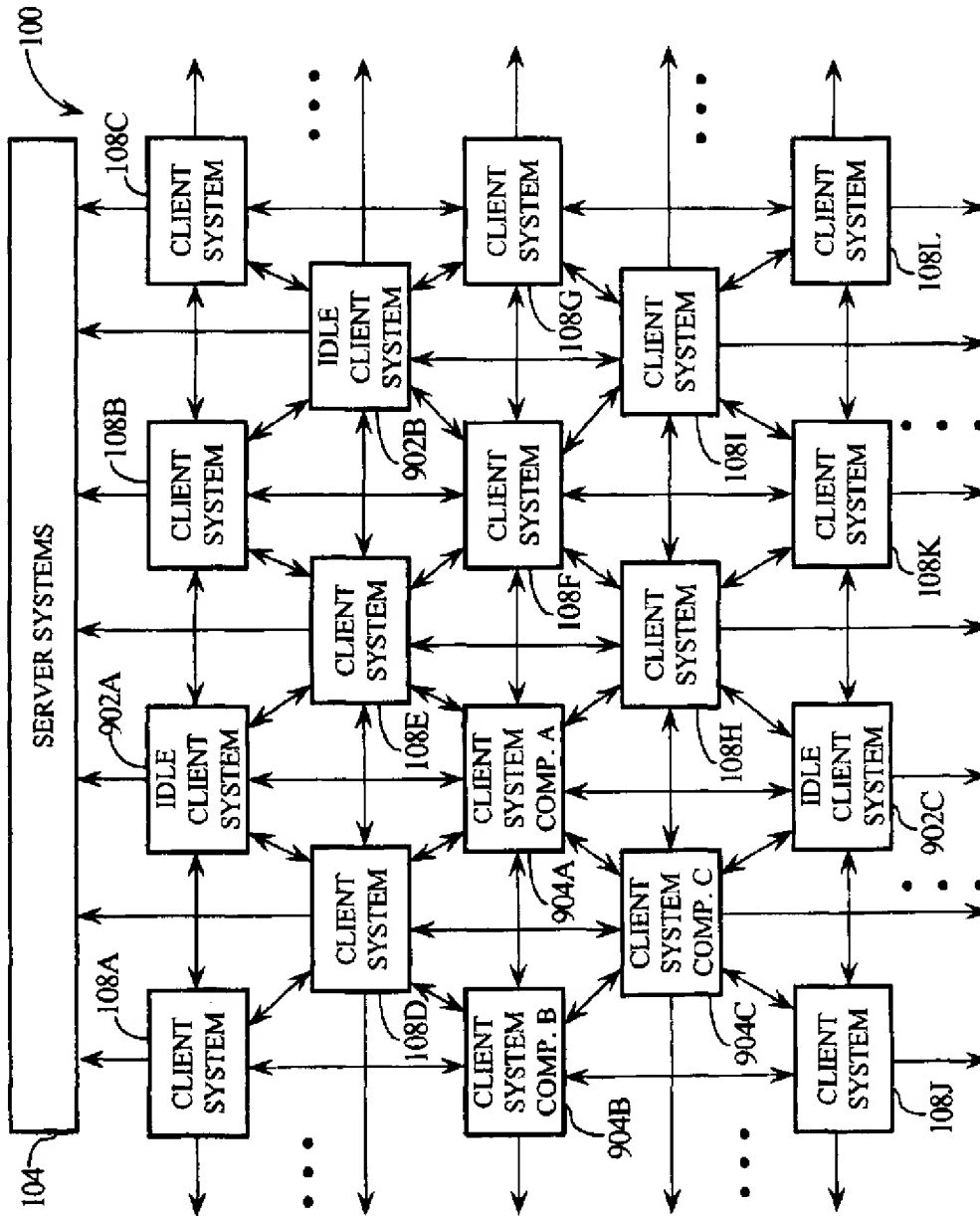


FIG. 9

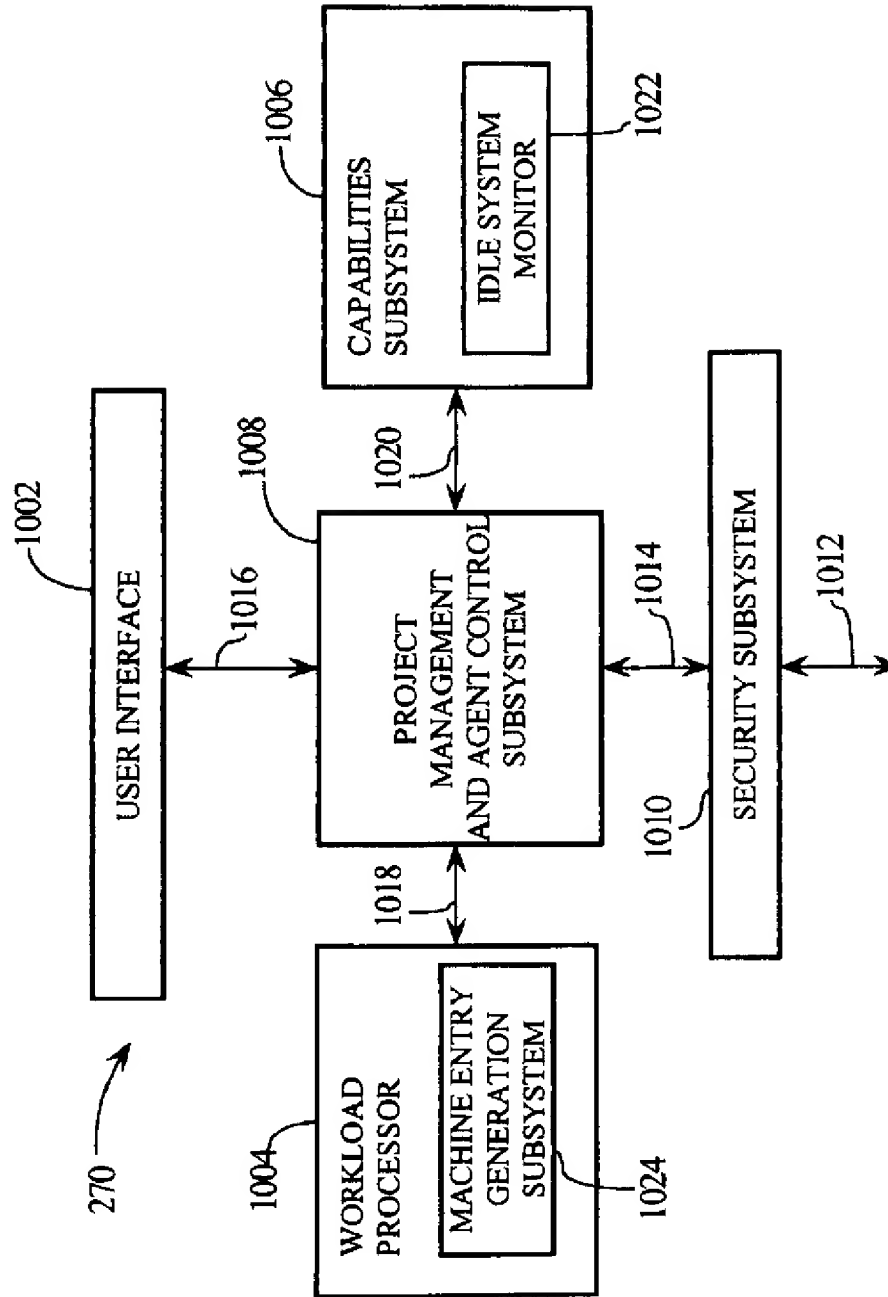


FIG. 10

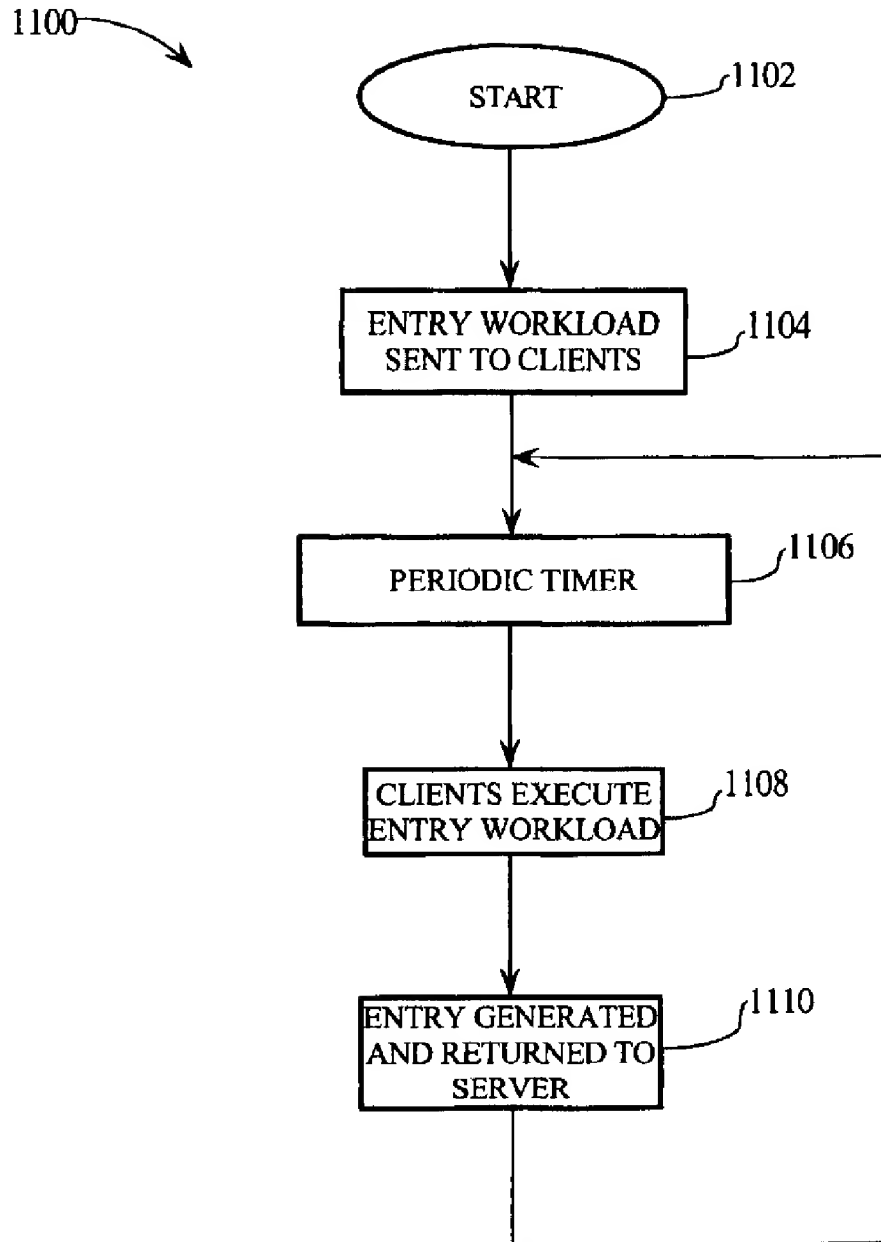


FIG. 11A

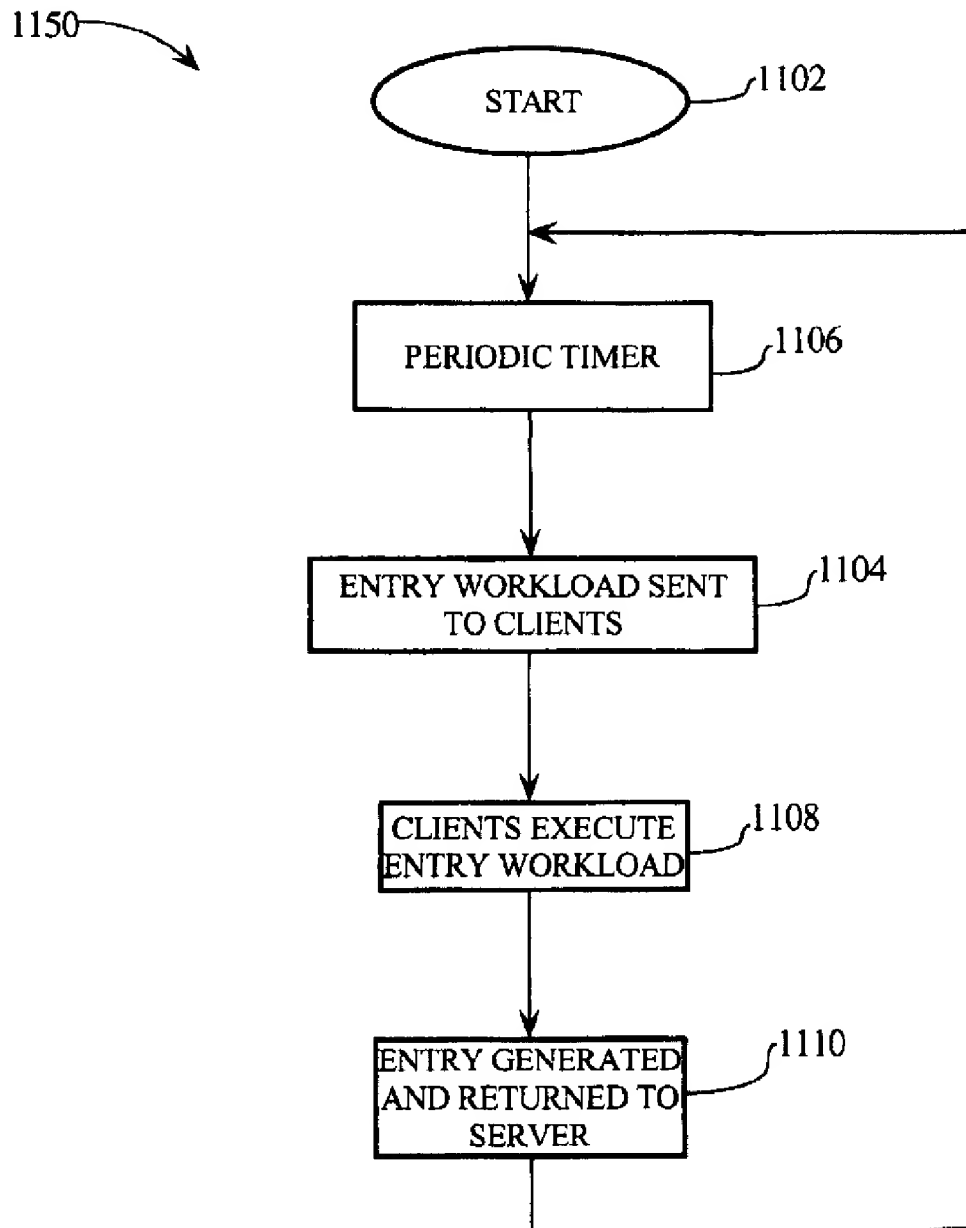


FIG. 11B



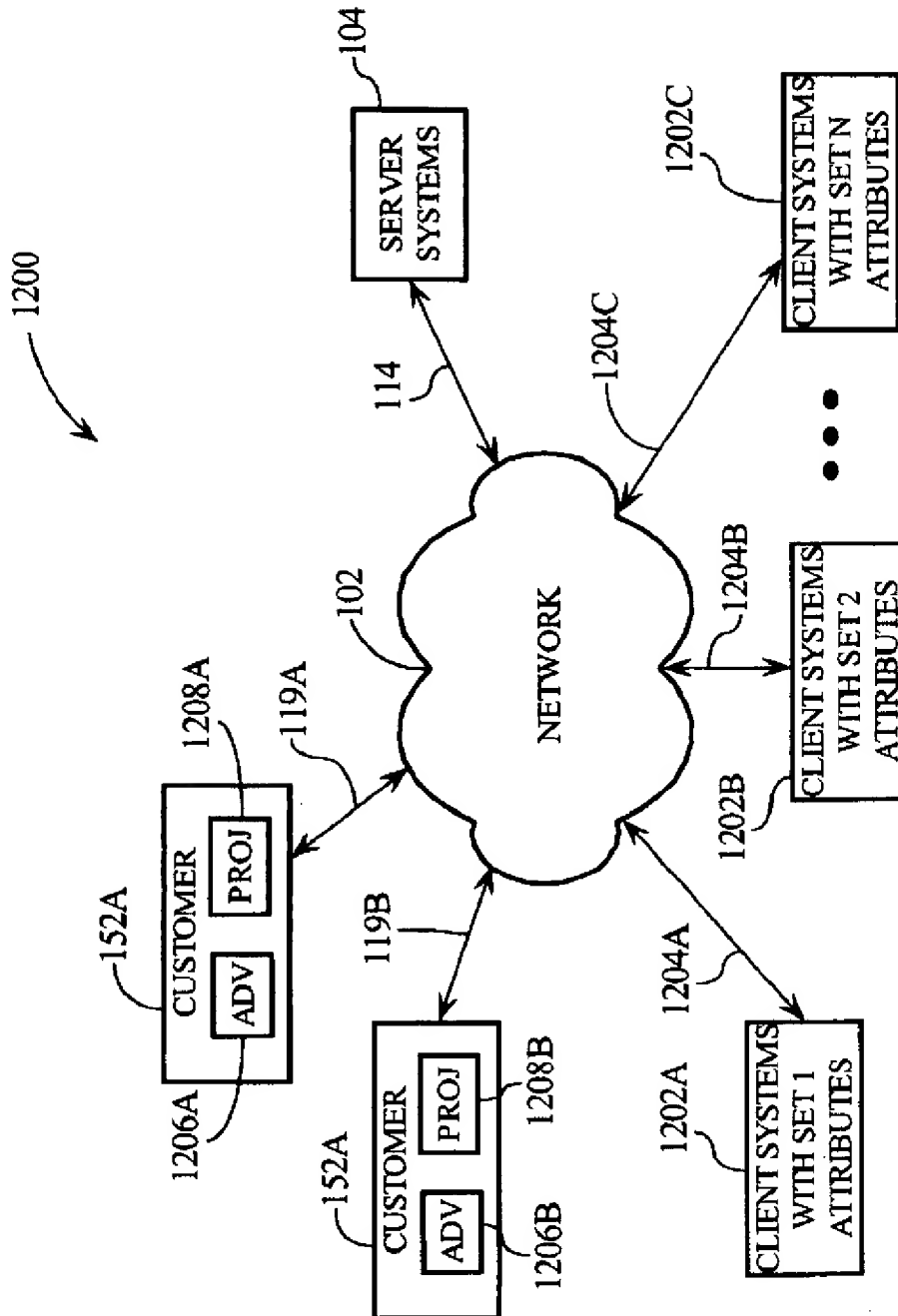


FIG. 12A

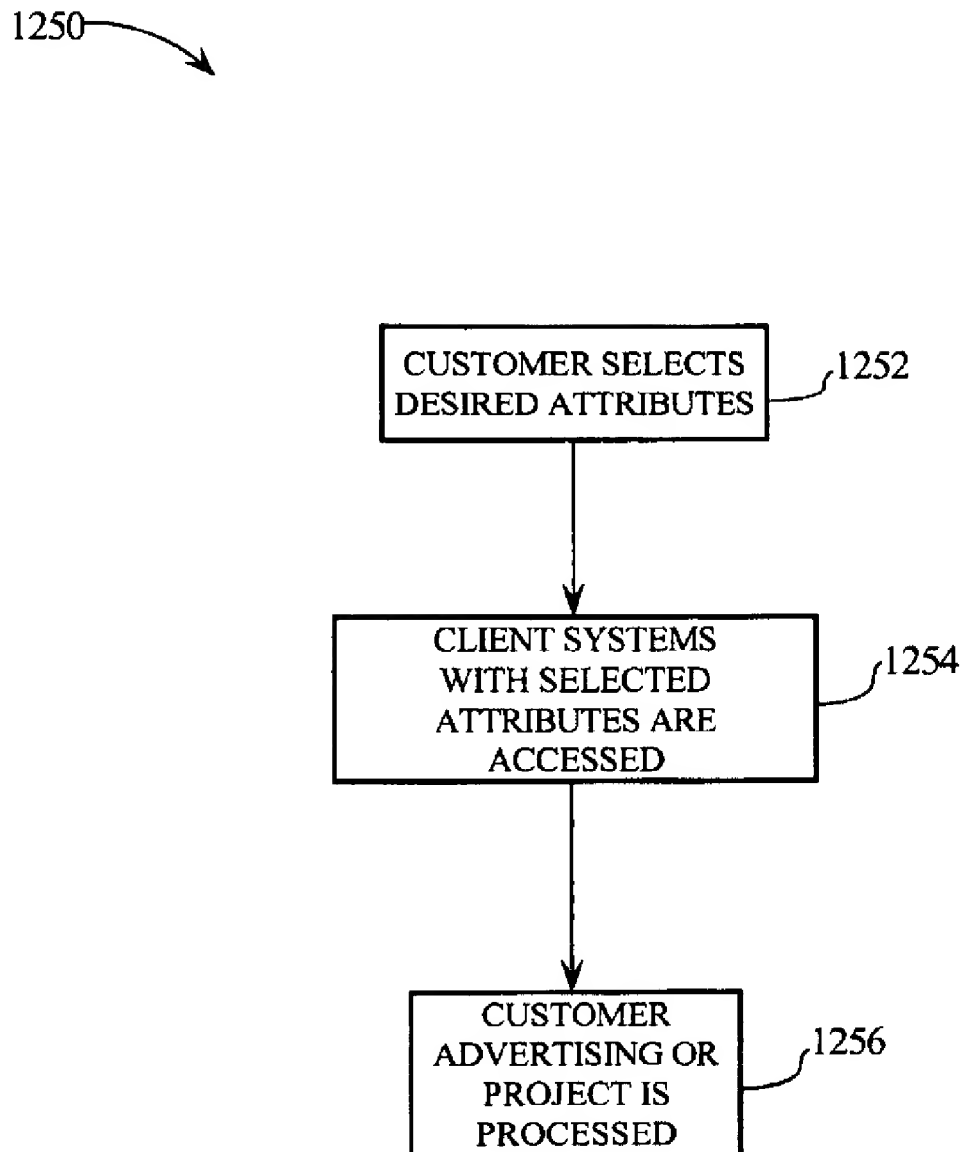


FIG. 12B

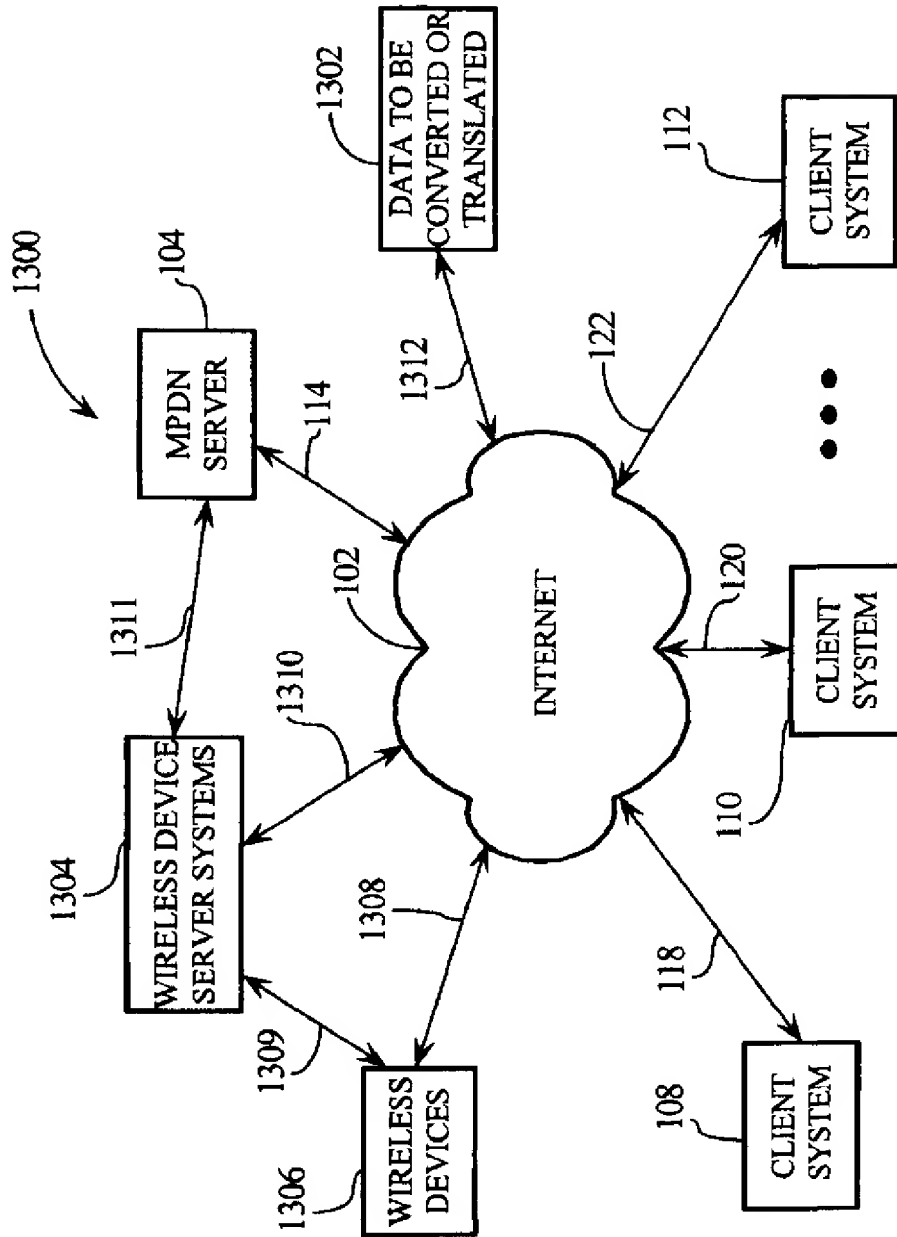


FIG. 13A

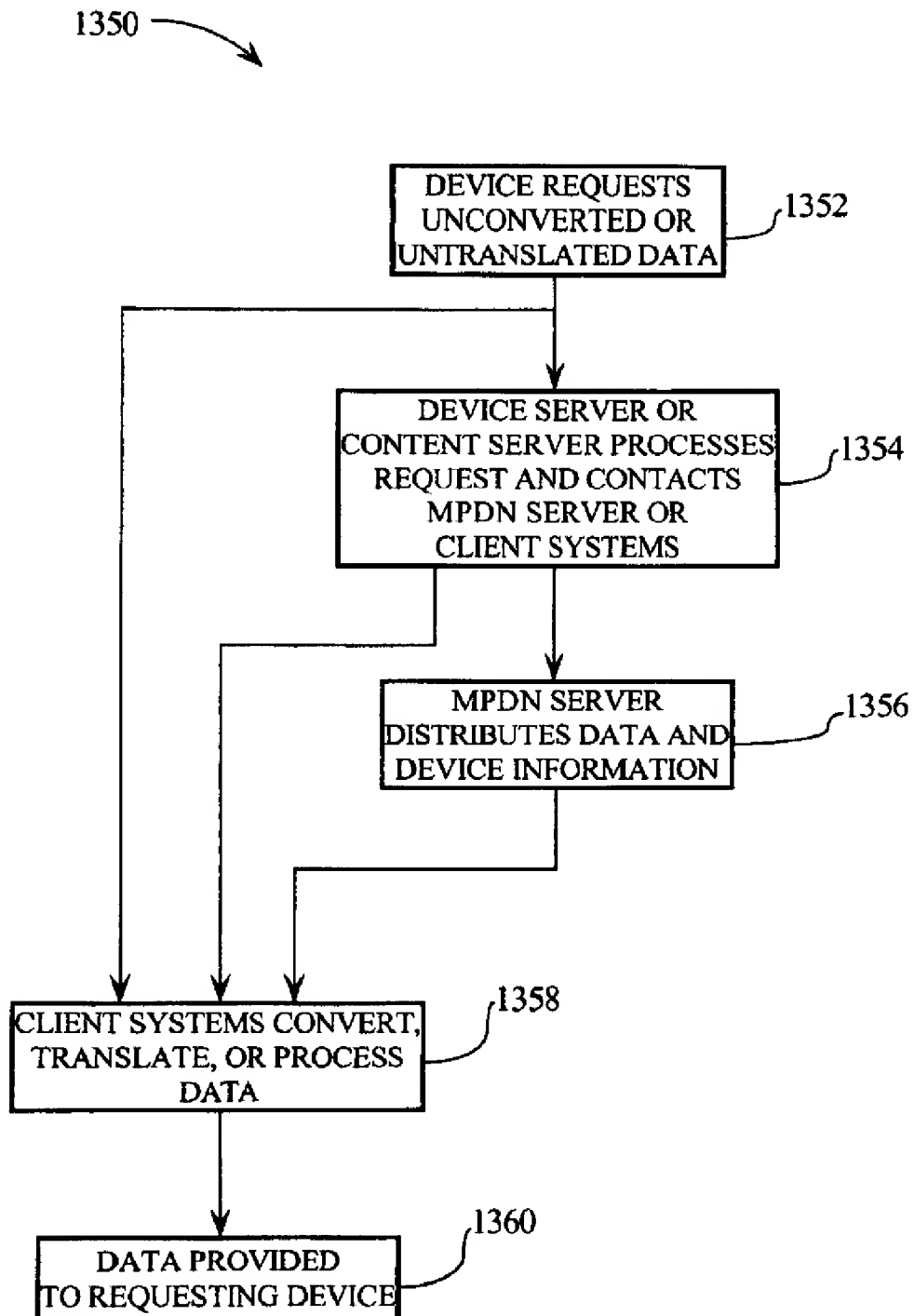


FIG. 13B

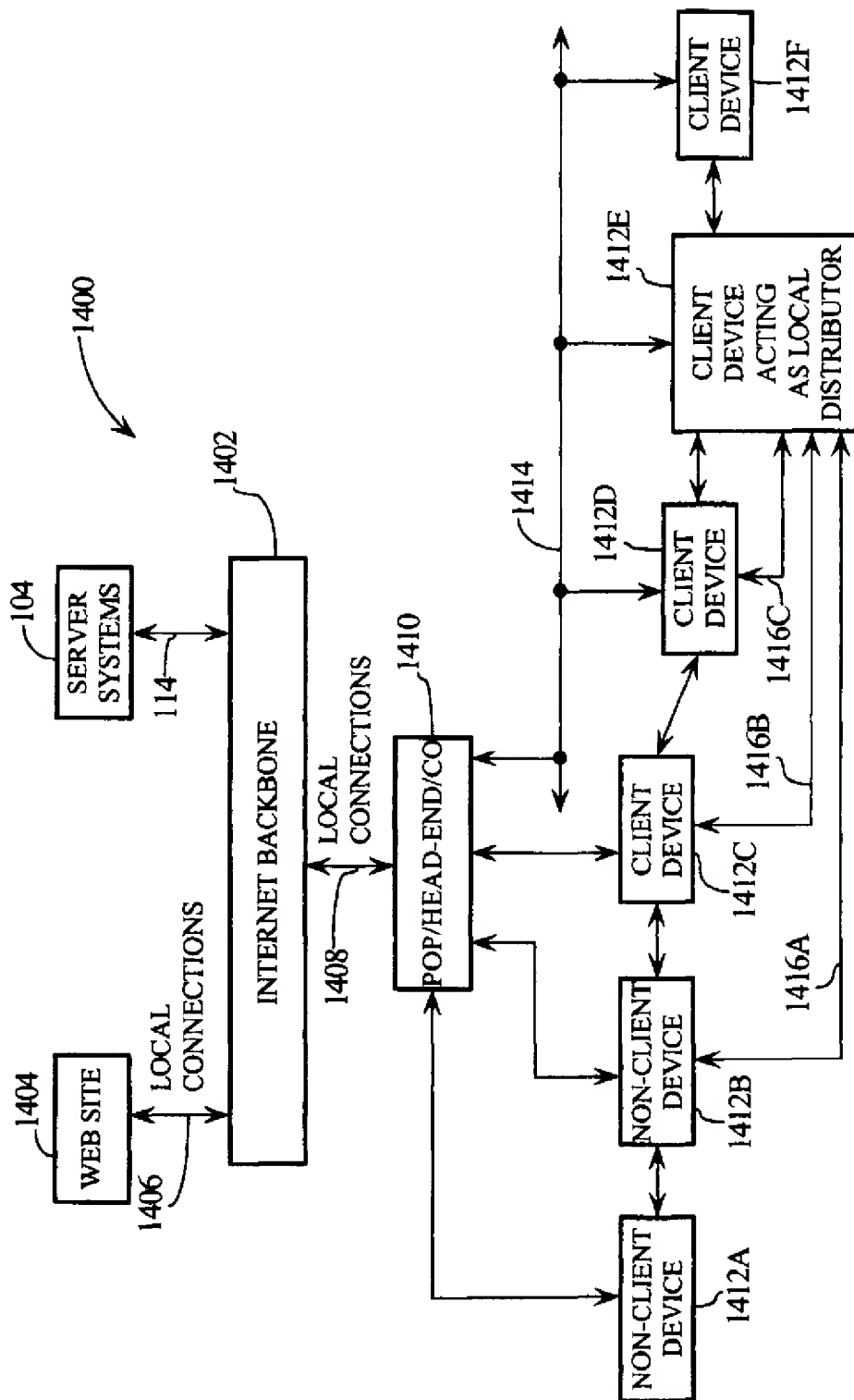


FIG. 14A

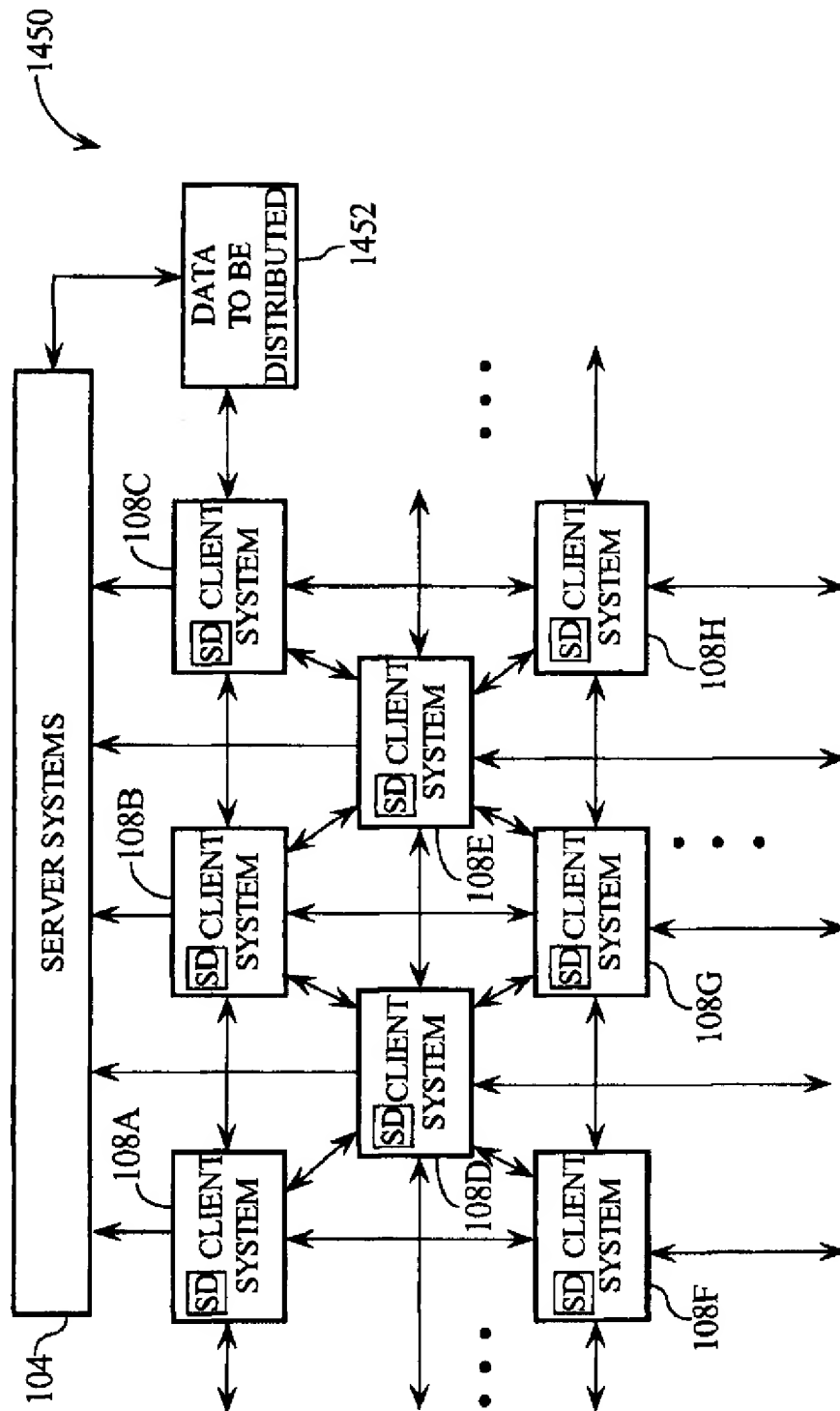


FIG. 14B

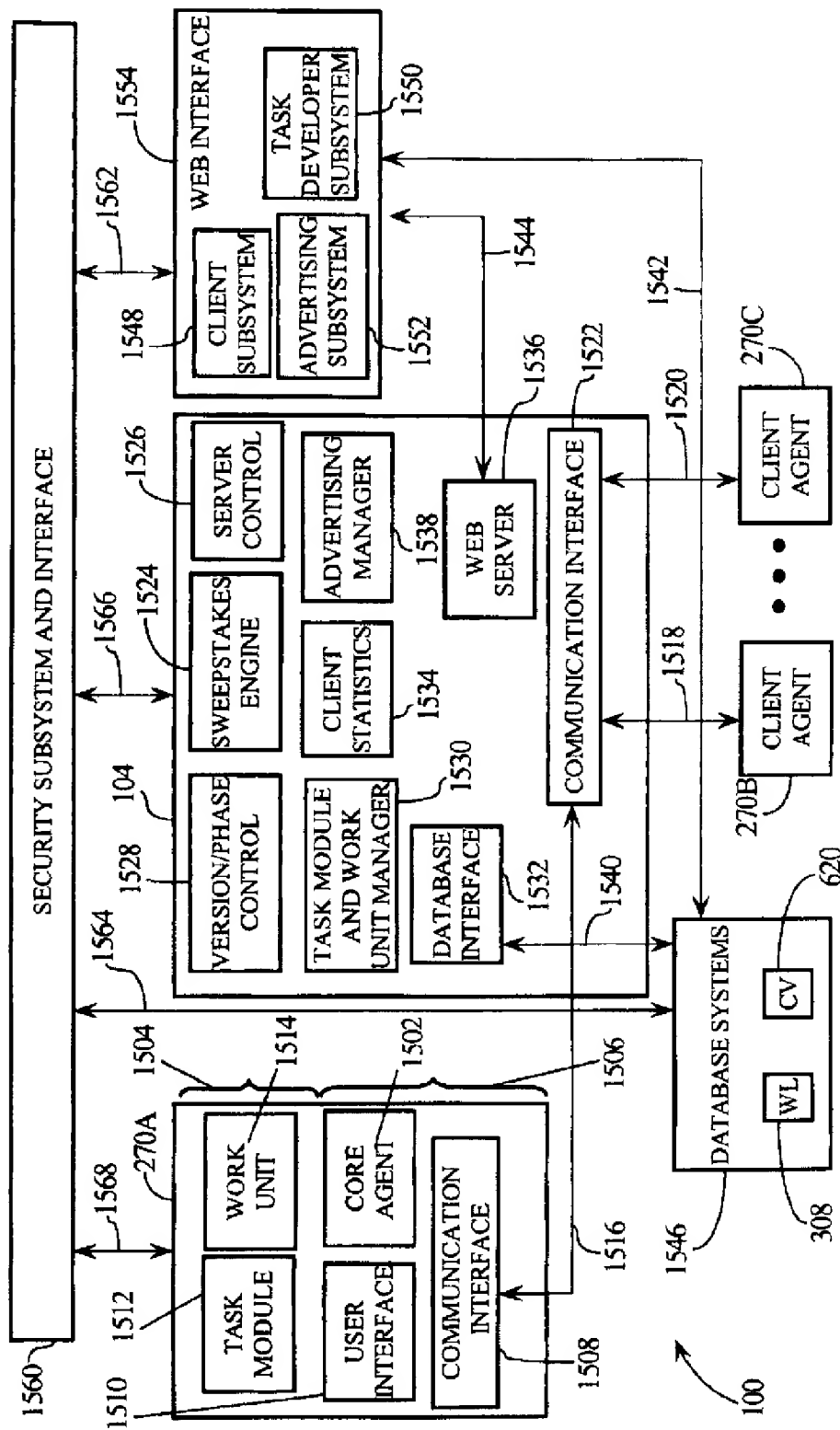


FIG. 15

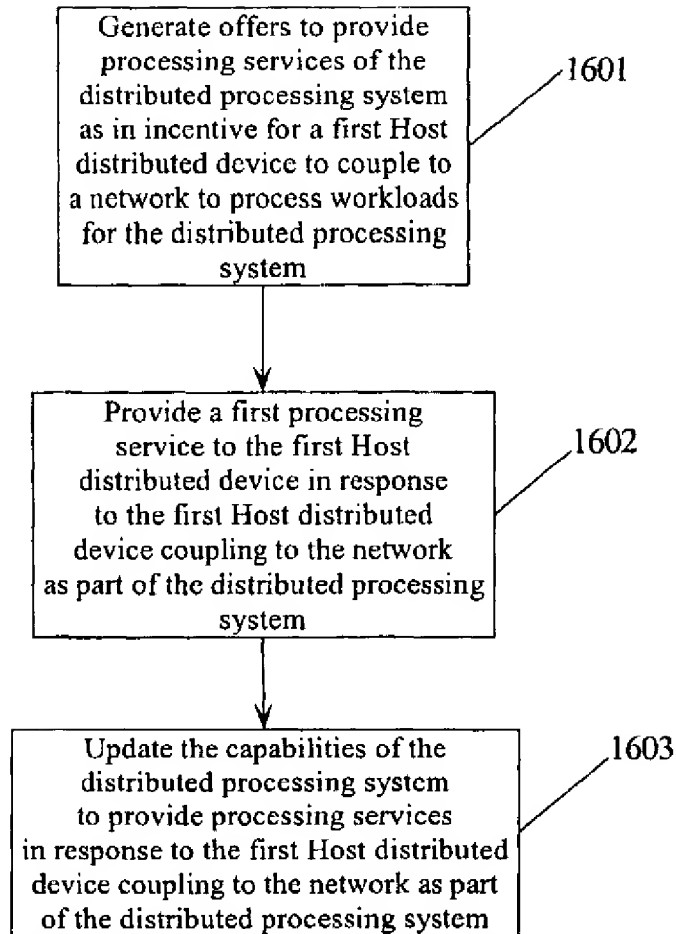


FIG. 16